

Enantioselective Total Synthesis of (+)-Alterbrassicicene C

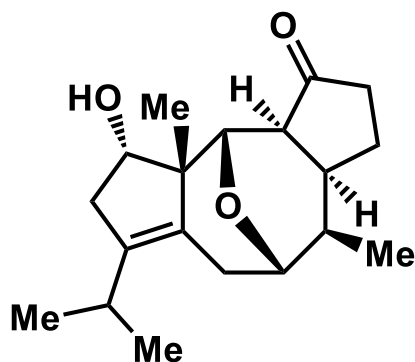
Noah J. Sims, Weston C. Bonnet, Danielle M. Lawson, and John L. Wood*



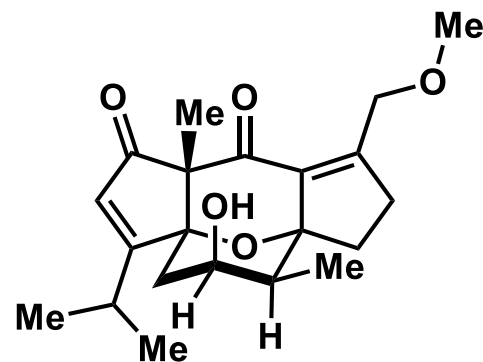
Cite This: *J. Am. Chem. Soc.* 2023, 145, 37–40



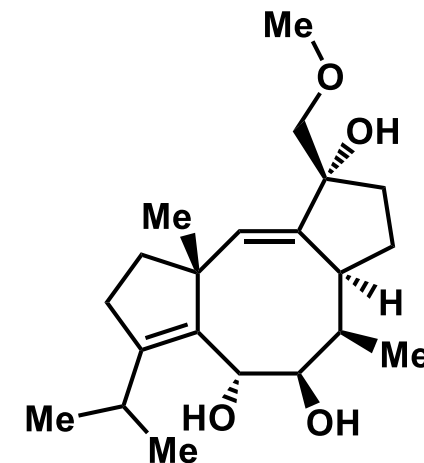
Read Online



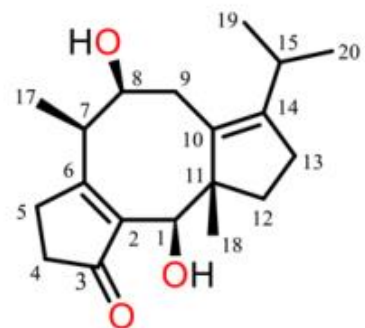
(-)-Alterbrassicicene B (1)
No syntheses to date



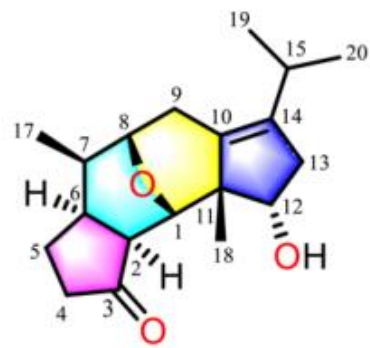
(+)-Alterbrassicicene C (2)
This work, first synthesis



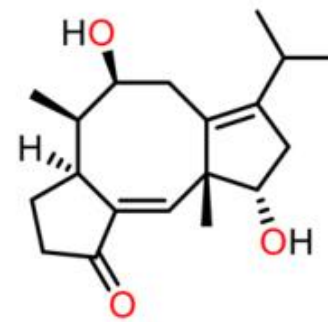
(-)-Cotylenol (3)
Several syntheses



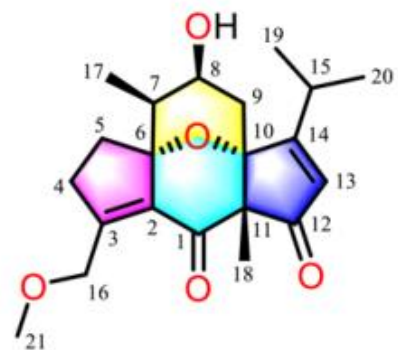
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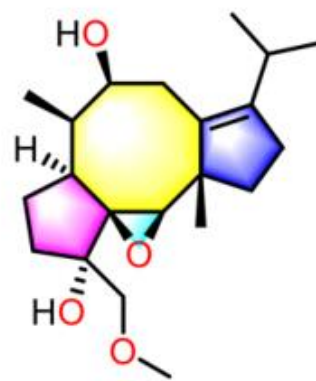
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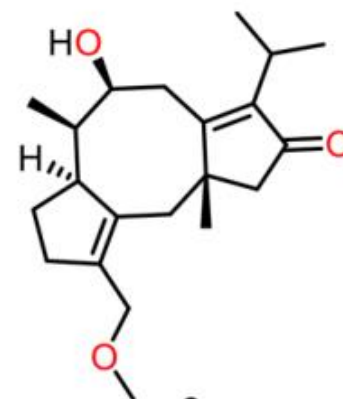
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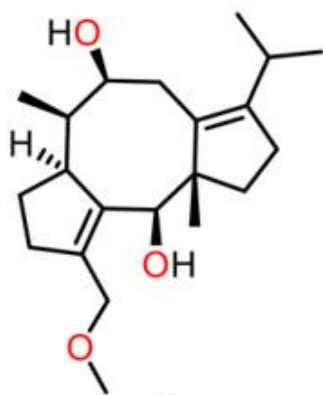
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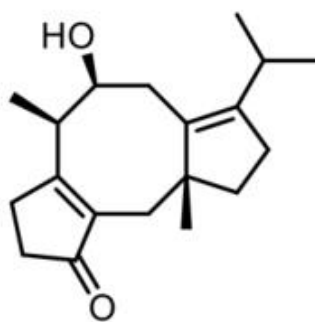
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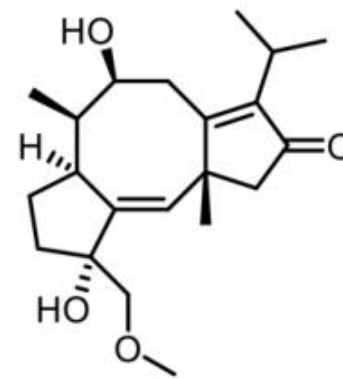
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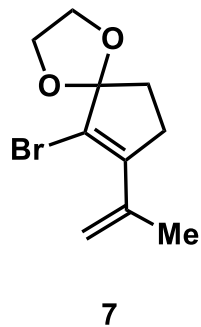
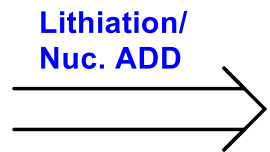
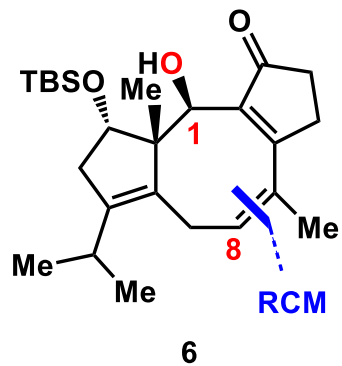
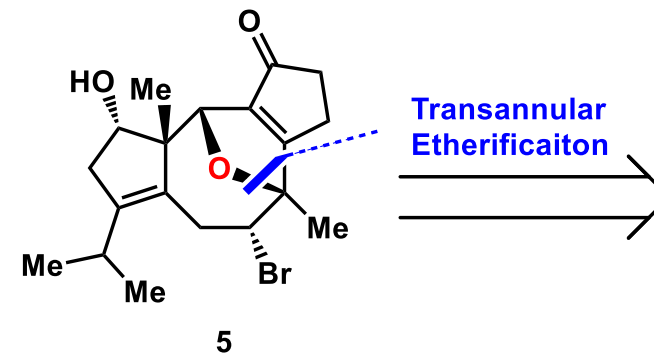
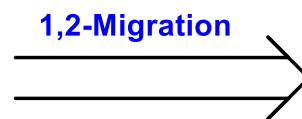
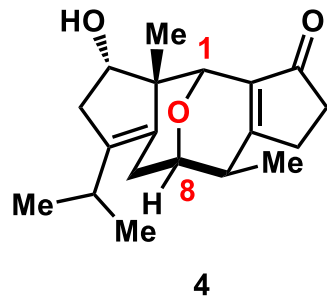
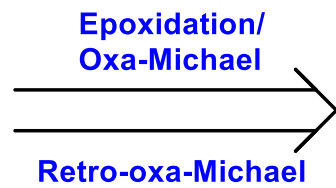
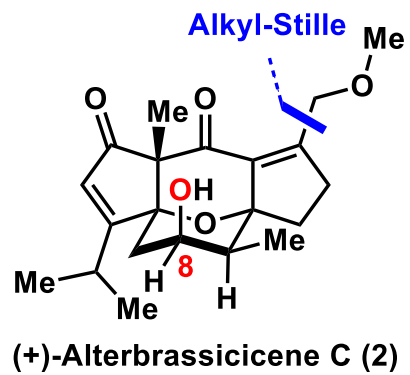
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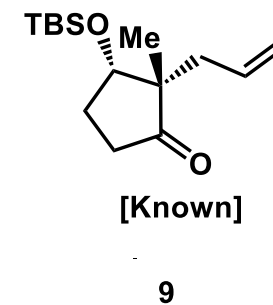
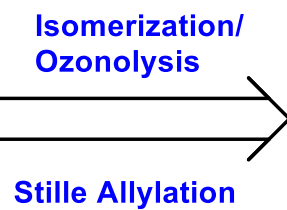
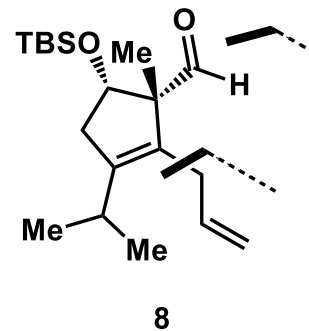
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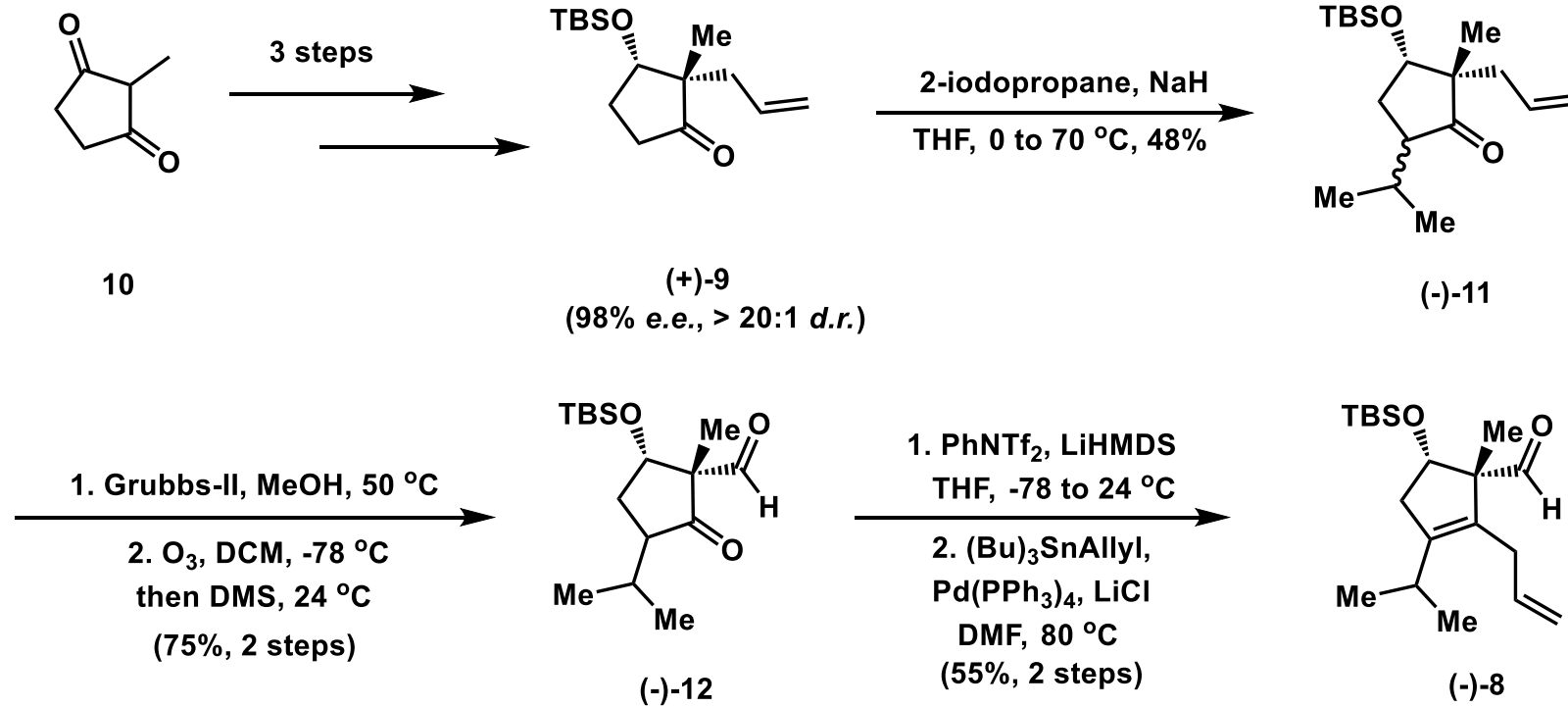
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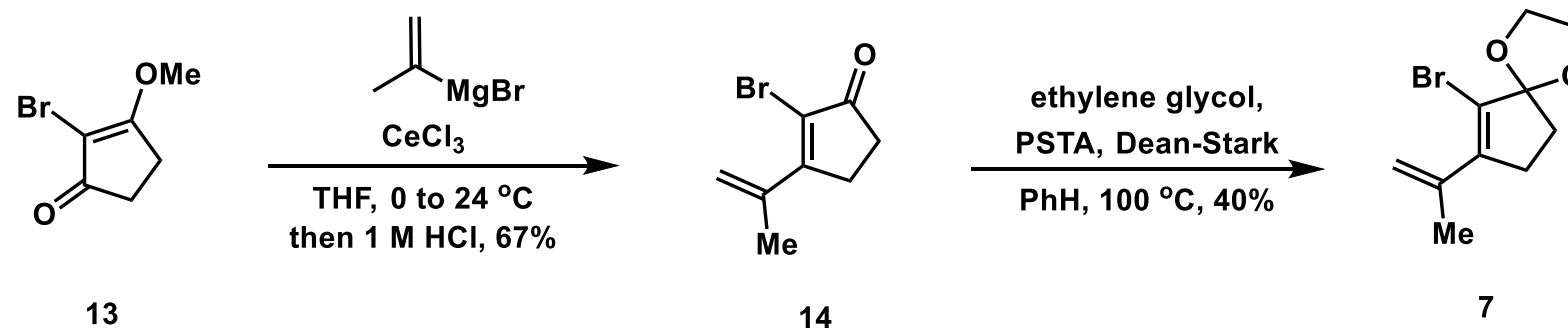
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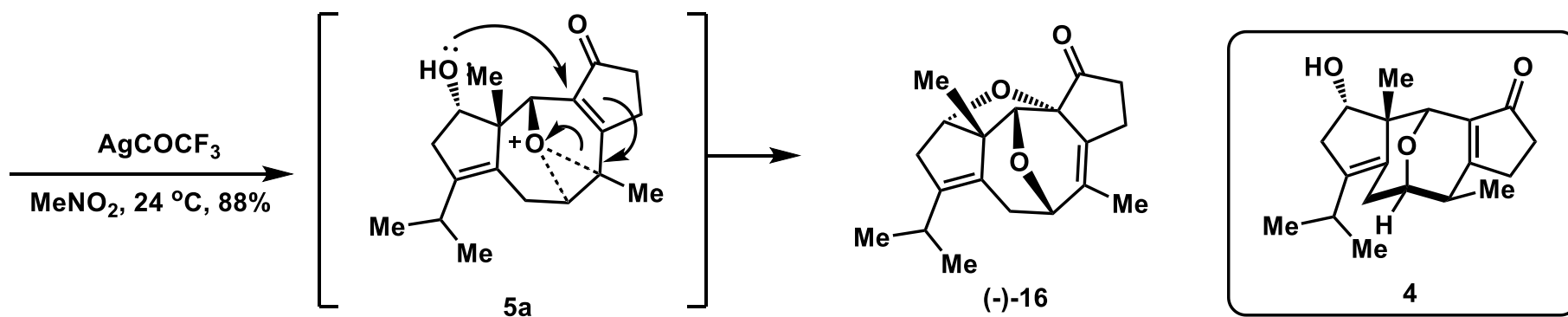
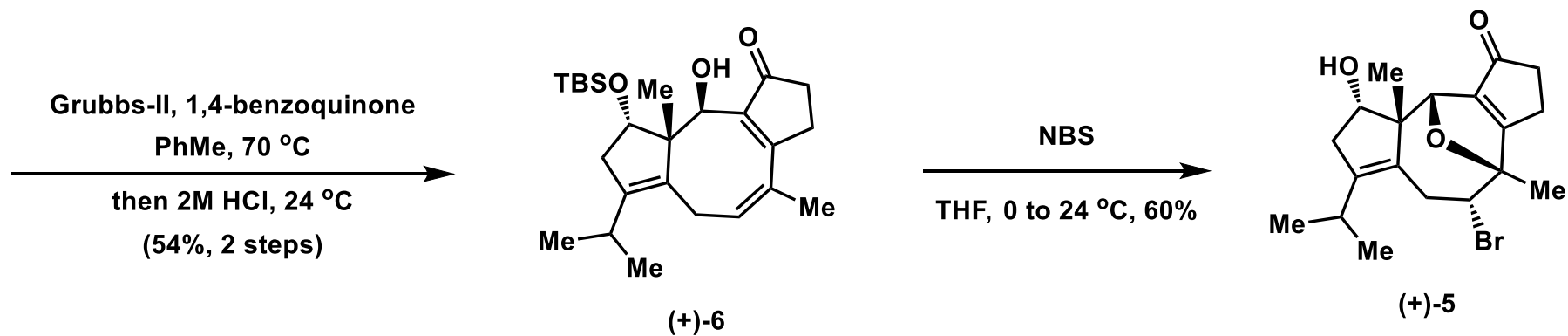
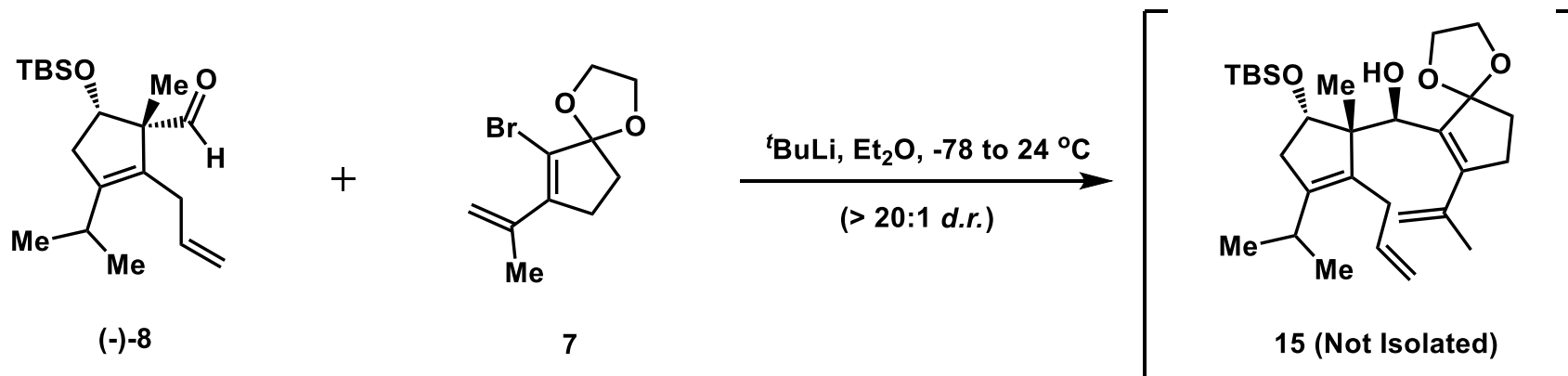


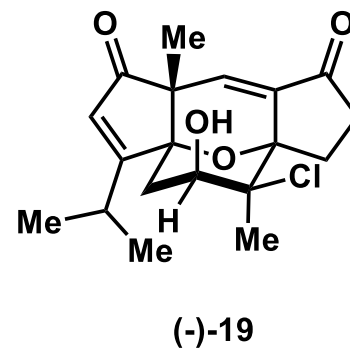
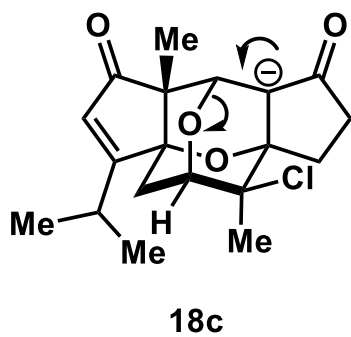
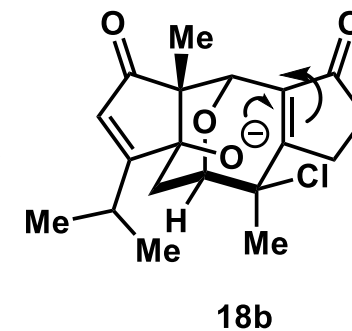
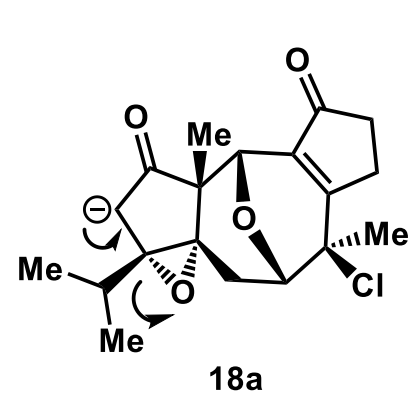
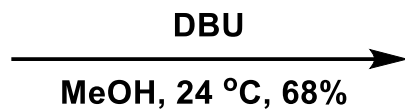
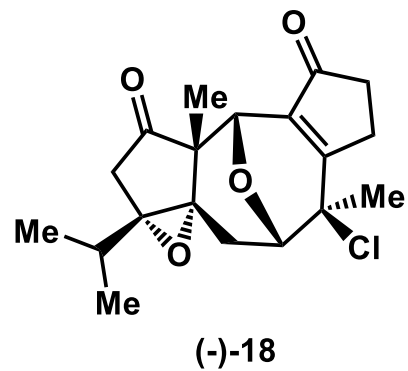
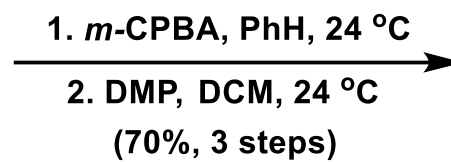
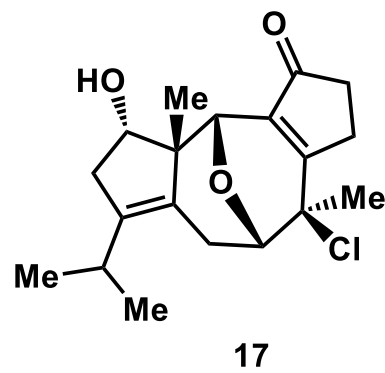
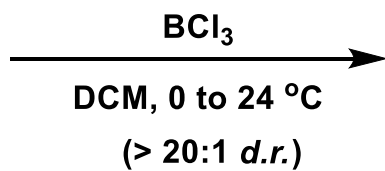
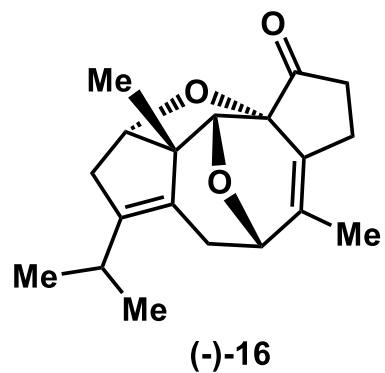
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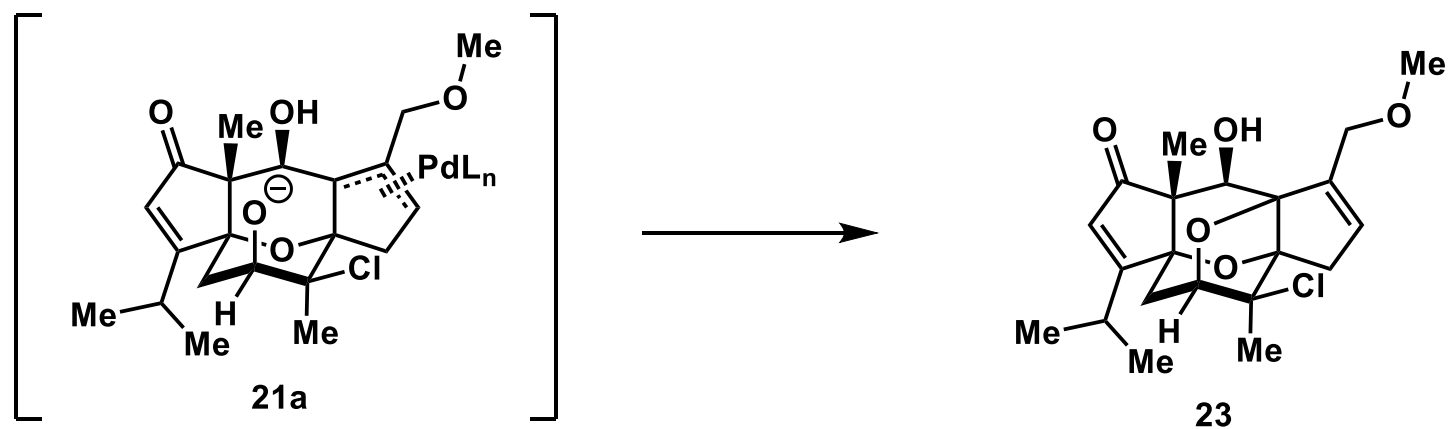
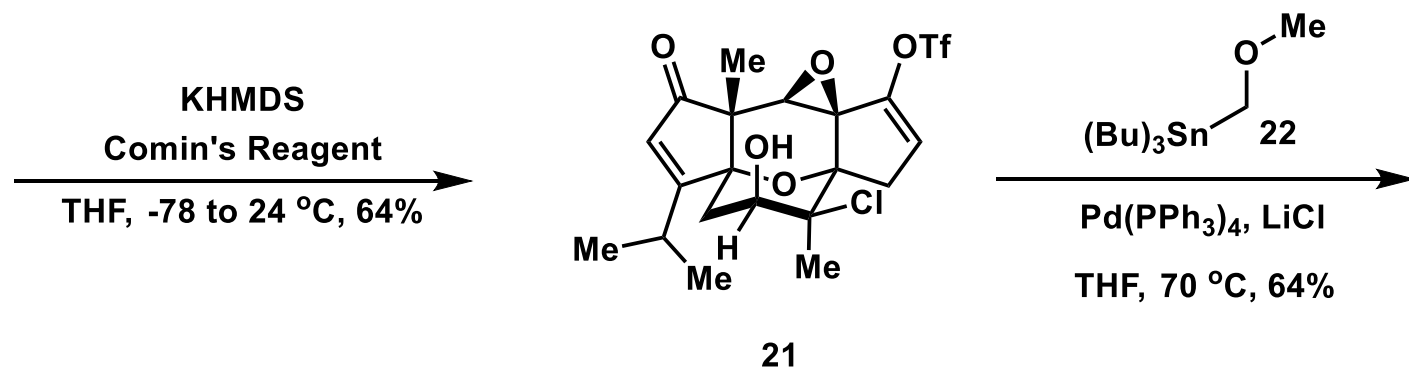
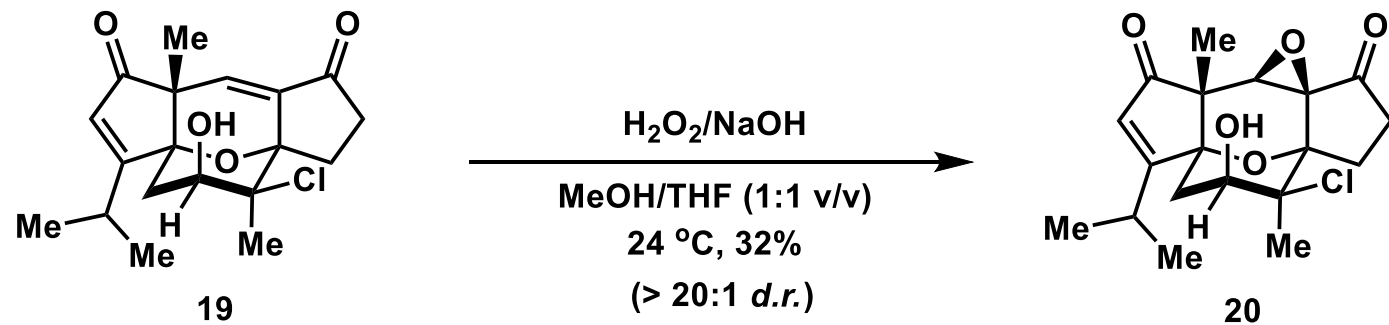


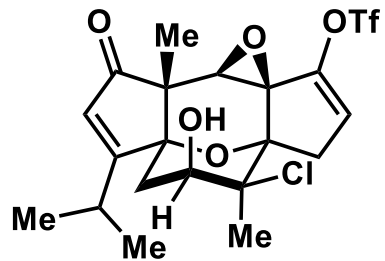
B.



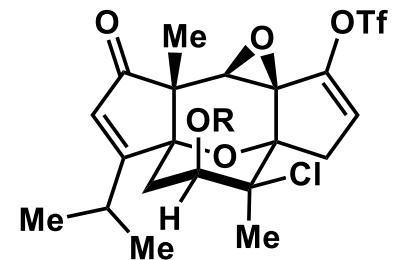
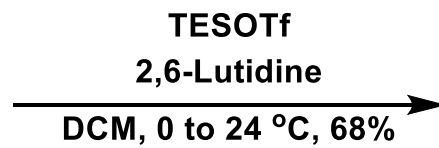




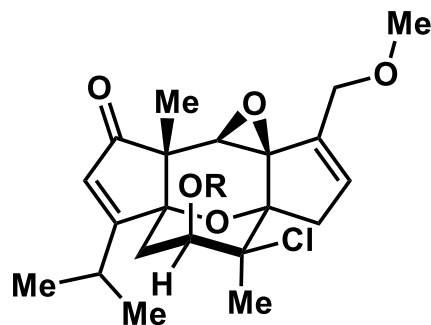
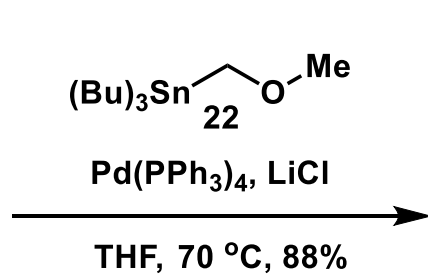




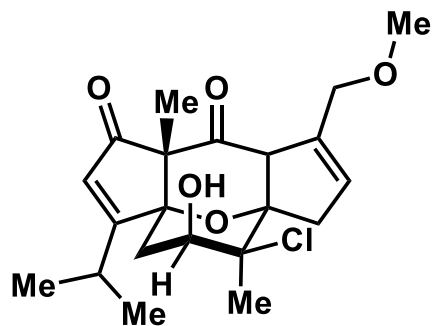
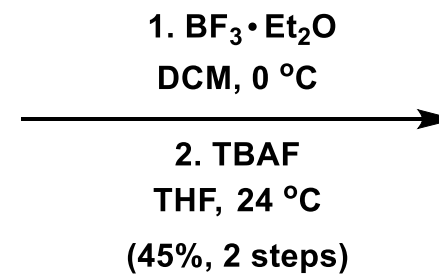
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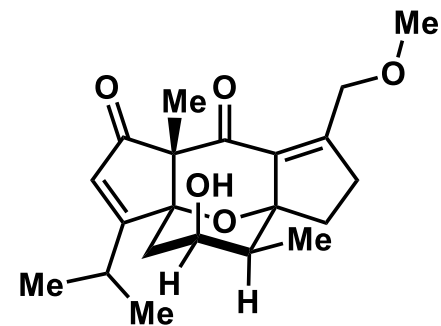
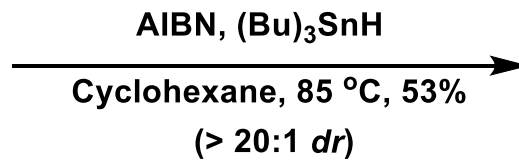
R = TES, (+)-24



R = TES, (+)-25



(+)-26



(+)-Alterbrassicicene C (2)